

1902

Texas
New Mexico



Vernon Bailey

Dept. of Agl.
Washington, D.C.

1902

Residence 1834, Kal. Ave.

1902

June 6 Left Washington 4:15 P.M.
via B&O for Jefferson, Tex.

June 7,

Cincinnati about 9 A.M.

St. Louis 4:45

Left St. Louis 8:20 P.M.,
via Iron Mtn. R.R.

June 8, Little Rock, ~~7:25 A.M.~~
Arkadelphia

Passer domesticus com.

Tyrannus tyrannus -

Cotton 6-10 inches high

Corn 1-3 feet -

Few flowers, foliage dense.

Garden

Lutter

Sabal -

Baptisia

Luxurans

Jefferson. Tex June 8.

Agelaius vociferus	2 heard
Colinus	com
Coccyzus erythrophthalmus	com
Melanerpes erythrocephalus	com
Swift	abn
Zenaidura	com
Sialia sialis	com
Mimus carolinensis	com
Icteria virens	com
Piranga rubra	com
Geothlypis trichas	1 ♂ com
Spizella socialis	com
Vireo olivaceus	"
Turdus wood-	com
Tyrannus tyrannus	com
Passer domesticus	abn. in town
Cyanocitta	com
Falco sparverius	"
Trochilops ?	"
Cathartes aura	com
Corvus am-	com
Syrnium nebulosum ?	4

Polioptila caerulea	com
Cardinalis	"
Mniotilta varia	2
Delelloia	
Parus	
Mimus polyglottos	com
Coccyzus	seen
Thryothorus carolinensis	com
Ardea herodias	2
Tantalus locustator	5
Contopus virens	com
Mimus polyglottos	"
Progne subis	1
Passer domesticus	abn.

June 9

Chordeiles	1
Cyanospiza cyanea	com

June 10 at Richard Cranes

Icteria miss-	2
Redstart	2

June 11 - Richard Crane.

Vireo - white eye, com, nest + eggs.
Myiarchus crinitus com.
Dendroica prairie Warbler²

Ardea carolinensis -

Bill^{at base}, skin and eyelids bluish,
iris white, legs + toes black
with yellowish pads + joints.

Stomach, 34 frogs, 7 fish, 13 crustaceans,
Eumeces, Salamanders, 1 cricket, 1 dragonfly,
1 spider, 1 grasshopper.

Tantalus borealis 1

Bubo

heard

Syrnium

com.

Anthus

"

June 12

Melanerpes carolinensis, com.

Dryobates borealis

June 13

Coleptes curvatus 1

Sitta carolinensis 1

Chordeiles

a few

Empidonax

1 sp.

Icterus spurius

1 ♂

Quercus cyanea -

1

Tefferson

Quercus phellos

" nigra

" alba 1

" macrocarpa? com

" falcata?

Pinus bala

" mitis

Juniperus

Taxodium

Liquidambar

Nyssa

Betula

Populus

Salix

Pseudocacia

Ulmus

Hickory

Walnut

Chinapine

Sycamore

Crab apple,

Crataegus

Prunus americana?

" dwarf plum

June 14 - to Marshall.

June 16 Marshall 4:25

Waskum - prairie good

Shreveport

June 17

Woke up at Logansport

Over to Joquin - & to

Timpson & back to

Joquin

June 18

Pinus mitis

" taeda

Taxodium

Juniperus virginiana

Quercus nigra

" alba

" falcata

" lyrata

" "pin oak"

" prinus

"

"

Liquidambar

Nyssa

Salix
Chimaphila

Persimmon

Ilex opaca

" diandra?

Acer

Ironwood

Blue beech

Cornus florida

Magnolia

Crataegus

Ulmus americana

" crassifolia?

Hickory

Juglans nigra

Sycamore

Vitis 3

Teroma radicans

Clematis

Passiflora

Smilax

Rubus - 2 blackberries

Vaccinium

Gallsuccia

Sambucus

Phytolacca

Podophyllum

Baptisia

Joaquin, Tex, Jan 18

Ardea herodias com
 " *herodias*? 1 reported
Colinus 1st 49. com.
Zenaidura com
Cathartes "
Buteo
Falco sparverius 2
Syrnium heard
Coccyzus mexicanus, com
Dryobates heard
Melanerpes carolinensis com
 " *erythrocephalus* "
Colaptes cafer *auratus* - 2
Tyrannus com
Icterus bullockii 1
 Chimney swift, com.
Progne subis com
Vireo olivaceus "
 " white-eyed "
 " *flavifrons* "
Dendroica
Ceryle alcyon com
Euphonia ?
Mniotilta cinnamomea com

Sitta carolinensis 1
Poliophtila caerulea com
Mimus polyglottos "
Parus carolinensis "
 " *bicolor*? "
Sialia sialis com
Mniotilta varia, feeding young
Cardinalis com
Piranga rubra "
Tyrannus tyrannus 1
Anthracoceros heard
Spizella socialis, com.
Passer domesticus com in town

June 20

Joaquin

Zimposon

more hilly, red soil,
Naetg doebes.

Angelina R.

Sabal - along river

Spanish Mass, a little

Lufkin

Stopped at Utterback House.

Same kind of country

June 21 -

Lufkin - 9:45 a.m.

Zavalla

Pinus palustris - began

10 mi. N. of Zavalla -

beautiful forest of it

Rockland - & river

Hilly, rocky, creeks,

clear springs, grass.

Good country, bad town.

Colmansville

Still hilly

Carrolls

still hilly & rough

Woodville

Narver -

Good locality to work
Georgia pine, open
country, creeks, grass

Edge of prairie, about
15 mi. N. of Beaumont

Beaumont.

at Crosby Hotel

June 22

Bannock to Sabine Pass

Ricefields below Gladys
near which is

only a sidetrack. a house
in distance - good
place to go for day hunt.

Taylor's Bayou - near

Port Arthur - a good
location for sat marsh
+ bayous - probably
place to stay - at
little hotel or section house

June 22

Quiscalus com

Agelaius + yg. com

~~*Xanthocephalus*?~~ +

Sturnella com

Otocoris 3

Chordeiles abu

Rallus 8

Ardea caccinea com

" *virescens* 2

Symphonia com

Progne subis com

Ammodramus? big + dark

Tyrannus tyrannus com

Himantopus mexicanus 2

Passer domesticus com

Phalacrocorax 1

Cistothorus com

Ardea herodias 1

Cathartes aura com

Catharus 4

Sabine

Salt grass, Distichis

Salicornia

Suaeda

Heliotropium

Atriplex

Baccharis

- composite bush

June 23

Beaumont westward

Prairie & woods

Prairie plants

Asclepias 2

little laurel like bush

Cone flowers

Rudbeckia

Grindelia

big white mallows!

purple flowered

squaw pod bean bush

many grasses

Grove, "ornamental", species

Past oak

live oak

Liquidambar

white stunted laurel tree

gray horse

Sabal

in places Pinus taeda

Chine a nice little town

on big prairie in rice

fields - good to work.

lots of roads, timber

away to the north.

Sour Lake - station & store

+ hotel? on good

prairie near edge of timber

west of San Lake are
acrobby P. palustris?
mixed with the groves
+ timber strips or in
solid, round north.

Raywood, on big
prairie - rice all around

Liberty at edge of
woods, cypress.

The best woods I ever saw
wide bottom lands + wood

to Dayton -

Edge of prairie again
reaches far north

Pine, tall in grove

Crosby

San Joaquin R.

woods - magnolia

cypress, pine etc.,

gum, oaks

Bearmont to Houston

Birds

Ardea herodias com

" *virescens* "

Rallus ? big "

Buteo 1

Cathartes a few

Lanius com

Colinus a few

Sturnella com

Quiscalus "

Agelaius "

Tyrannus tyrannus "

Hirundo polyglottos "

Progne "

Ammodramus ? "

Houston

Molothrus ater 3

Milvulus 2 old + 3 yg.

Icterus spurius 2

Chondestes com

Passer domesticus com.

June 24 -

Houston - Hotel Logan 10 AM

Prosopis juliflora 1 tree
" *pubescens* a few trees

Georgy hills con, edge of town
no more to Richmond

Pinus tedda } last seen about
" *mitis* } 6 mi. W. of Houston

Mostly prairie

Richmond -

Huesach first seen

Last of *Liquidambar*

Zedra all prairie

Eagle Lake

drier prairie with short grass
fires burning

Albington -

Scrubby live + post oak
timber loaded with vases
one mesquite.

Columbus & Colorado R.

Splendid live oaks + woods
more mesquite

Scrubby timber or opening of
live + post + black oak +

Other low trees in Col. R. Val.

Warren - mainly prairie

Dry but very good farms
of cotton, corn, + soft grain.

Seminole dunes

Engle -

Flaton

More mesquite, grass more
bushy, corn dried up

Wilder

lots of mesquite - real arid.

Haswood

June 25 - San Antonio

Hesperis abu

Prosopis juliflora "

Farkensonia aculeata "

Center Point 12 M

Taxodium

Juniperus

Quercus virginiana

" *nigra*

"

"

"

"

Platanus a few

Prosopis juliflora

Lillandsia recurvata abu.

Kerrville - the preceding &

Celtis

Diospiros tex

Ulmus crassifolius

Cordalea ?

Custer Point

June 26 & 27

<i>Agelaius vociferus</i>	com
<i>Columba texianus</i>	"
<i>Zenaidura</i>	"
<i>Scardafella inca</i>	"
<i>Cathartes aura</i>	"
<i>Otheris atrata</i>	"
<i>Buteo b. calurus</i>	1
<i>Melanerpes</i>	com
<i>Oryzobates s. bairdi</i>	"
<i>Melospiza</i>	"
<i>Mniotilta</i>	
<i>Contopus virens?</i>	1
<i>Corvus</i>	nest
<i>Cyanocitta?</i>	2
<i>Molothrus</i>	2
<i>Piranga rubra?</i>	com
<i>Chondestes</i>	abu
<i>Petrochelidon</i>	com - breeding
<i>Ceryle alcyon</i>	1
<i>Zonotrichia</i>	2
<i>Icterus spurius</i>	a few
<i>Sturna vulgaris</i>	"

<i>Progne subis?</i>	abu
<i>Mimus polyglottos</i>	abu
<i>Thryomanes</i>	1 pair, nesting
<i>Parus carolinensis?</i>	com
<i>Parus bicolor?</i>	"
<i>Cyanospiza cyanea</i>	"
<i>Cardinalis cardinalis</i>	"

June 29 Kerrville -

<i>Coccyzus americanus</i>	1
<i>Spizella pusilla?</i>	com
<i>Ardea virescens</i>	1
<i>Antrostomus macrurus?</i>	1

June 30 Woodcamp near

Ingram

July 1, Over to Lacey -

On top of ridges

Juniperus

Quercus

"

"

"

"

"

"

Circis

Prunus pennsylvanica

Viburnum lentiformis?

Xanthoxylum

Celtis

Juglans repens - mainly trees

Coccoloba

Mimosa biuncifera? specimen

Ampelopsis

Rhus toxicodendron

"

Bumelia?

Smilax

Vitis

1 species

Amaranthus cernuus

On limestone cliffs

Morus celtidifolia, dwarf

Garrya

Yucca repens

Cereus

"

Acacia

360

In gulches

Fraxinus viridis berlandieriana

Quercus

Lilac

Philadelphus

June 29 - July
Kerrville + Ingram

<i>Ardea virescens</i>	com
<i>Agelaius vociferus</i>	"
<i>Colinus texensis</i> , yg. July 3	
<i>Zenaidura macrura</i>	com
<i>Cathartes aura</i>	"
<i>Catherpes atrata</i>	"
<i>Buteo b. calurus</i>	a few
<i>Chordeiles</i>	com
<i>Psalonotus</i>	"
<i>Anthus</i>	"
<i>Trochilus</i>	"
<i>Ceryle alcyon</i>	
<i>Ceryle cabanensis</i>	1
<i>Coccyzus americanus</i>	com.
<i>Melanerpes</i>	com
<i>Geococcyx</i>	"
<i>Dryobates s. bairdi</i>	"
<i>Empidonax</i>	"
<i>Contopus virens</i> ?	"
<i>Sayornis phoebe</i> ?	
<i>Myiarchus cinerascens</i>	com
<i>Melospiza fasciata</i>	"
<i>Molothrus</i>	"
<i>Icterus ekurinus</i>	5 com

<i>Actagallus psaltria</i>	com
<i>Passer domesticus</i> - in town	
<i>Chondestes</i>	abu.
<i>Spizella arizonae</i> ?	com
" <i>palida</i> ?	a few.
<i>Pipilo chlorura</i> 1 on sage	
<i>Cardinalis</i>	abu.
<i>Guiraca</i>	a few.
<i>Cyanospiza ciris</i>	com.
<i>Piranga rubra</i> ?	"
<i>Amphisp. cedrorum</i> - hard	"
<i>Progne subis</i>	"
<i>Petrochelidon</i> nests	"
<i>Tireo flavipennis</i> , etc.	"
" <i>atricapillus</i>	hard
<i>Dendroica dominica</i> ? sp.	com
" <i>chrysoparia</i>	a few.
<i>Geothlypis formosus</i> 1	
<i>Mniotilta varia</i>	com
<i>Icteria virens</i> ?	com
<i>Mimus polyglottos</i>	abu.
<i>Catherpes</i>	1

Thryothorus ludovicianus com
Thryomanes

Parus b. texensis com

" *carolinensis*? spec. "

Poliophtila plumbea? "

Sialia sialis "

Above Japonia July 7-10

Ardea herodias /

Arenophila eremacica com

Myelidromus nivalis + yg, com

Aphalocara + yg, "

Greater Yellowlegs /

Kerrville etc.

Valley plants

Prosopis juliflora com

Tillandsia recurvata "

Quercus virginiana "

Toxodion "

Juglans rupestris "

Ulmus crassifolia "

" *fulva*?

Berberis trifoliata

Platanus

Salix nigra?

Opuntia engelmanni - a little -

Diospiros velutina

Cephalanthus

Hickaria

Pean -

Kerrville + region

Generally distributed species

Quercus - several species

July 7 Camp 8 AM

Kerrville 1460

Camp 1760

Next fork above Johnson Fork 2000

Camp 15 mi. W. of Joplin 2150

Cypress end at fork at 2000

mesquite " " "

July 8

15 mi. W. of Japonica — 2150

Quercus

"

"

"

Juniperus

Bumelia lycioides

Inglans rupescens

Arbutus texana tree

Platanus

Celtis

Cercis

Cephaelanthus

Lonicera

Symphoricarpos

Rosa

Rhus toxicodendron

" *aromatica*

" *allata*?

Forsteria

Prunus

hog plum

Bursera

Quercus rapincola

" *angustifolia*

" *b. grandiflora* - a few

Opuntia engelmannii

Echinocactus

Cereus paucispinus?

" *lace cactus*

Dasylirion

Nolina

Mayrsoxkwungia

July 10

2493.

Left camp 9 AM - 2458

Lunch - 15 mi. 2450

Cimphispiza bilineata 2300

Peucaea cassini abn. "

Pipilo mesoleucos "

Sturnella + yg. abn.

camp 25 mi. dry camp 2400

July 11

Camp - 25 mi. 9 AM. 2400

Thompson

Came 18 mi. Camp 2650

July 12 - Camp, 9 AM, 2600

Rock Springs 11 mi. 2700

Correct altitude 2500

Out to Wades Ranch 7 mi.
south. 2400

July 13 down to Hackberry Cr.

~~increased~~ not above.

Pearl

Quercus ^{occumigata} ~~pruvoti~~

" ^{texasana} ~~coccinea~~ + spec.

" ^{laceyi} - spec.

Ulmus crassifolia

Platanus

Prunus pennsylvanica?

Quercus undulata - spec.

Quercus ^{fusiformis} ~~virginiana~~ - spec.

July 15 to Rock Springs. 2500
mesquite - 2 varieties - com.

Camp - 2 mi. out 2475

July 16. Camp 8:30 AM 2475

10 mi.

Lanius a family
a lower Sonoran

Mesquite - abn.

Rhus microphylla

Acacia 3 species

Besleria triphata

Zizyphus obtusifolia

Spilleda muradensis

Rhamnus
A. J. J. J.

Opuntia leptocaulis

Spermophilus

Amphispiza

Holma texiana abn.

Yucca stricta

" repida

Lanius

Myiarchus cinerascens

Lunch 10 mi. 2500

Condalia spathulata

Lycopodium

Camp 2600

July 17, Camp 8:30 AM 2550

to near wheats 2600

Down a law to 2300

over ridge 2400

High camp, 27 mi., 2450

Agave lachuguilla

July 18 Camp 8 AM 2400

On ridge 2500
~~Down a law~~

Koeberlinia

Hesperaloe

~~Agave~~ angustifolia

Chilopsis

Beaver Lake 2000

June

July 19 Camp 1900

June

Down Devils R. 13 mi. 1700

Camp at source of Devils R.

July 20 - Sunday

at camp all day -

Devils River - July 19 -

Anthus
Anthus c. collaris 2 ♂♂ 1 ad
Ardea herodias 1
 " *viridis*, typical, a few
Myelocorax vidua imm 1
Helidramus solitarius, 2
Actitis macularia com
Aegialitis vocifera "
Colinus v. texensis "
Callipepla squamata a few.
~~*Columbigallina*~~ 2
Zenaidura + nests com
Cathartes "
Catharista "
Buteo b. calurus a few
 " *abbreviatus* 1
 " *swainsoni*
Falco sparverius 1
 " *mexicanus*
Megascops com
Bubo heard
Geococcyx com.
Coreopsis "
Ceryle alcyon 1
 " *septentrionalis* com

Oryzobates r. lairdi com
Melanerpes auriferus "
Psaltriparus "
Chondestes "
Trochilus "
Muscivora forficatus "
Myarchus cinerascens "
Contopus virens
Empidonax
Sayornis phoebe 1 heard
Molothrus ater com
Icterus spurius "
 "
Chrysomitris psaltria com
Chondestes "
Amphispiza bilineata com
Aimophila "
Pipilo maculatus "
Cardinalis
Pyrhuloxia
Guiraca
Cyanospiza cyanea? com.

Cyanospiza versicolor, 1. ^{Sussex}
Piranga rubra com
Progne subis ?
Vireo olivaceus com
" *flavifrons* "
" *noveboracensis* "
" *atricapillus* "
" *huttoni* ? "
Icteria v. longicauda "
Dendroica "
Seiurus n. notabilis ^{July 18} "
Mimus polyglottas abn
Heliodytes sumneri com
Catherpes "
Thryothorus ludovicianus "
Thryomanes bewickii ? "
Auriparus flaviceps nests "
Polioptila "
Parus bicolor typ. ? "

Plants Devils River.

Picea
Juglans rupestris
Sapindus marginatus
Amelanchier speciosa
Celtis occidentalis
" *pallida*
Platanus
Bumelia
Chilopsis saligna
Quercus virginiana
" " *fusiformis* shrubby
" *undulata*
" "
Morus
Salix
Juniperus - scarce -
Liospiros
Berberis trifoliata
Forestiera angustifolia
Fouquieria
Leucophyllum texanum
Lycium berlandieri
" *carolinianum* ?
Prunus glandulosa

Prosopis juliflora
Eysenhardtia acrophylla, com
Cercis occidentalis "
Hoffmannseggia oxycarpa "
Mimosa borealis "
Leucaena pulchellula "

"
Acacia roemeriana com
Baba "

Sophora secundiflora com

Forestiera angustifolia "

Condalia spathulata ? "

Zizyphus obtusifolia "

Koeleria

Rhus virens

" *microphylla*

" *Toxicodendron*

Ceanothus

Ephedra nevadensis com

Smilax

Vitis

Cucurbita

Maximowiczia

Ptelea t. mollis com

Phytolacca

Cleome

Lippia

Saccharum angustifolia

Agave lechuguilla "

Yucca macrocarpa

" *rigida*

~~*capitata*~~ ?

Hesperaloe

Dasylicium

~~*Notia*~~ ?

Opuntia engelmannii, big

" " little

" *brachyacantha*

" *pectinatus*

" *truncata leptocaulis*

Cereus paucispinus

" *aucaucanthus* ?

Mammillaria hypoleuca ?

" little

Echinocactus longispinus

Echinocactus
Euphorbia - leafless, on rocks
Atriplex
Argemone
Xanthium

July 24 - Camp 8 AM. 1725

Last crossing river 1650

Top of mesa 1850

Comstock 1800

" correct altitude 1552

July 25, Camp ~~on road at 1710~~

Comstock overrid at 1710

Lunch 5 mi. 1600

Larrea

Salaea sericea

Acacia constricta

" straight thines

Krameria canescens

River camp, 8 mi. 1450

Pistacia mexicana abn.

Nicotiana glauca "

Arundinaria

Baccharis

July 31, Pecos River

Ceryle alcyon 1

Taurus priscus 1 pair

Antrostomus macrionotus 1

Carpodacus a few

Columbigallina swainsoni

Cyrtocercus 4

Falco mexicanus 1 nest

" *spurius*

Buteo borealis com

Aug. 1. to Painted Caves.

To Langtry.

Aug. 3 Left Langtry 4 PM

Aug. 4 - Valentine

Aug. 6 - Donald arrived

Valentine

Proserpin a few every bush

Acacia constricta " " "

Koeberlinia " " "

Zizyphus " " "

Microchlamys com

Krameria canescens "

Nolina texana "

Yucca stricta "

" *microcarpa*, scarce

Mimosa biuncifera "

Grass - abundant



July 31, Pecos trip.

Ceryle alcyon 1

Tyrus perisoreus 1 pair

Anthus trivirgatus 1

Carpodacus a few

Columbigallina said to be

Cyrtus x a few

Falco mexicanus 1 nest

" *parvulus*

Buteo borealis com.

Aug. 1. to Painted Caves.

To Langtry.

Aug. 3 Left Langtry 4 PM

Aug. 4 - Valer

Aug. 6 - Donald arrived

Valentine

Prosopis a few dwarf bushes

Acacia constricta " " "

Koeberlinia " " "

Zizyphus a " "

Microchloa common

Krameria canescens "

Nolina texana "

Yucca stricta "

" *microcarpa*; scarce

Miscanthus binnepia "

Grass - abundant

Valentin Aug. 4 -

Bartramia Aug. 8, 3. First

Agelaius vociferus com

Actitis macularia (1 found)

Numenius long - said to be
com. later

Zenaidura com

Cathartes aura "

Speotyto 7 mi. out - "

Corvus cryptoleucus, com +
young + nests - fresh.

Sturnella hospes + egg (fresh - com)

See old + its young, specimens

Melospiza atr - com

Chondestes

Calomospiza - 5 Aug. 9

Pooecia cassini, abn. breeding
+ in full song.

Passer domesticus, abn. in town

Chelidon - com

Aug. 14

Lanius 1
Macrorhamphus 1, ♂

Circus 1
Golden eagle 1

Otocoris 2

Numenius 1 Boreal

Ardea herodias im. 1 "

Aug. 9. Out to C.O. Finley

Valentin 4424 - ranch 5424

Cathartes

Buteo b. calurus

Falco sparverius

Bubo 1 + yg.

Aquila chrysaetos 1

Zenaidura com

Columbia fuscata 4 - Aug. 10.

Mniotilta glauca com

Chondestes "

Saltator "

Trochilus ? com

Pipilo megalonyx "

Catipipila 1

Aphelocoma com

Harporhynchus "

Amphispiza bilineata a few

Sayornis saya 1

Tyrannus vociferans com

Campalorhynchus, nests in cactus

Guaranea com

up Livermore Aug. 13

Amphispiza

Polioptila plumbeus

Thryothorus

Pipilo maculatus? heard

Corvus sinuatus 1

Columba fasciata com

Microtus melanoleucus "

Falco mexicanus 1

Cathartes aura

Salpinctes

Catherpes

Colaptes

Aphelocoma

Finleys & mts

Quercus blue com

" black "

Larrea tridactyla (on rocks) "

Chilopsis (in woods) "

Adelpha fasciata abn.

Prosopis - a few on hillsides

Zizyphus " "

Fouquieria " "

Opuntia engelmannii " "

Opuntia arborescens com.

Manisotia hirsuta "

Cercas panamensis "

Echinocactus horizontalis "

Yucca stricta "

" *macrocarpa* "

Sagittaria "

Microseris "

Aug. 12. Findley Ranch

Bones under Bubo nest

Lepus arizonae

• texianus

Neotoma micropus

" mexicana

Cratogeomys

Dipodomys spectabilis

Perognathus ?

Peromyscus

Onychomys

Spilogale

Bat 2 ?

Horned Owl

Snake

Bird - 1 mandible of chicken?

Insects skulls + legs gone.

$\frac{3}{4}$ of total Lepus arizonae

Aug. 13 up Livermore

Liney 8:15 5425
edge of oak & juniper 6000
Pinus ponderosa 6000

Left house 10:15 6750

Quercus grisea 6000 - top

" texana (dark) " - "

" undulata, scrub. " - "

" hypoleuca 6000 - 8000

" moniliana shrub 7500 - 8700

Populus tremuloides 7800 - 8000

Cercocarpus 6600 - 8700

Philadelphus 6600 - peak

Arbutus 6000 -

Yucca low 6600 - 8000

Potato 7000 - top

Pinus strobiformis 8000 -

Quercus dwarf 8500 - 2200

Peak - reading 8800
on peak

Spiraea white spines

Cereus paucispinus

" white spines

Philadelphus

Spiraea
Symphoricarpos

Rhamnus

Yucca

Citrus reticulata

Aug. 14 back to Valentine

Aug. 18 Valentine, E. 9:14.

Buteo b. calurus

" swainsoni abn.

Curlew

Ravens abn.

Mainly lower Sonoran, upper
on cold slopes.

Sierra Blanca



El Paso

Aug. 19 at El Paso

Aug. 20 to Van Horn

Van Horn

Pure Lower Sonoran

Prosopis juliflora abn
Acacia
Mimosa
Larrea abn
Koeberlinia spinosa "
Baccharis  "
"  "
Ephedra nevadensis "
" trifurcata "
Fouquieria "
Agave lachrymans "
Yucca stricta "
" macrocarpa "
Dasylirion on hills
Microchloa, scarce
Cerothrus on hills
Leucophyllum "
Quercus - behind rocks
Garrya "
Lycium bravaieri
Zippia
Rhus microphylla
Quercus angustifolia

In hills

Rhus trilobata
Philadelphus
Cercocarpus microphylla
Tecoma stans
Quercus grisea - spec.
" undulata?
Garrya wrightii
Cerothrus
Fraxinus angustifolia?
Juniperus a few
Pinus - 1 nut pine
Rhus virida
Chilopsis
Dasylirion
Nolina, a little,
Yucca - stout

Van Horn

Bartonia few
Aegilites "
Calippa squamata com
Zenaidura "
Cathartes "
Buteo calurus "
 " swainsoni "
Falco sparverius "
Dryobates a. bairdi 1
Geococcyx com
Coccyz cryptoleucus "
Molothrus "
Calomospiza num.
Pooecetes com
Chondestes "
Amphispiza com
Mimus polyglottos abn
Harpagornis 2
Campylorhynchus + nests com
Salpinctes on rocks
Catherpes "
 Houston, Tex. June 23
 465, a. *Sabal adiantum* Raf. (Oak-
 465, b. *Morella cerifera*
 465, c. *Ratibida*

Plant Catalogue 1902

No. 466. *Vaccinium* "
 Jefferson, Tex. June 12,
 467. *Vaccinium* "
 Jefferson, Tex. June 12
 468. *Persea* "
 Jefferson, Tex. June 12
 469. *Xanthoxylum* "
 Kerrville, Tex. July 1.
 470. *Fern* "
 Kerrville, Tex. July 1.
 471. *Adiantum capillus veneris* "
 Kerrville, Tex. July 1.
 472. *Ceanothus americanus* "
 Kerrville, Tex. July 1.
 465 d. *Condalia* "
 Sabine, Texas

473. Mimosa

Herroville, Tex., July 1.

474. Forestiera mexicana

Herroville, Tex., July 1.

475. Mimosa

Devils River, July 22

475a. Mimosa?

476. Mimosa

Devils R., July 22

476a. Luchania puberula

477. Acacia roemeriana?

Devils R., July 22.

477a. Ceonothus

478. ~~S. foens~~ ^{Pellaea} flexuosa

478A. Notholaima sinuata

Devils River, Tex. July 23.

479 Prunus

Devils R., July 22,

479a. Ephedra

480. a, b, c, d, e, f, g

Rhus myricarica
Pistach

Rio Grande, near Comstock

July 29.

481. Oenothera

Valentine, Tex., Aug. 12.

482. Pseudophyllon?

Van Horn, Tex., July 23.

483. Garuga Wrightii

Van Horn, Tex., Aug. 23.

484. Acacia

Van Horn, Tex., Aug. 23.

485. Cereus x grisea^{s.}?

Van Horn, Tex., Aug. 23

486. Oenothera

Toyah, (30 mi. N.W.) Aug. 29

486b. ^{mouth of Howard Creek}

Cary

486a. Ephedra

Ft. Stockton, 10 mi. W.

Cary

487. *Forestiera*?

Salt Basin (W. of Guadalupe Mts.)

Sept. 2. 1902. Tex.

488. *Prosopis juliflora*

Logan, Tex. Aug. 29.

489. *Artemisia*

Guadalupe Mts., N. Mex. Sept. 4.

490. *Atriplex*?

Guadalupe Mts. N. Mex. Sept. 4.

491. *Gutierrezia*

Guadalupe Mts., N. M., Sept. 4.

492. *Ribes*

Sierra Blanca, N. M., Sept. 12.

12 to 15 ft.

493. *Ribes*

Sierra Blanca, N. M., Sept. 12

12000 ft.

494. *Prunella*

Orthocarpus

Sierra Blanca, N. M., Sept. 12.

495. *Quercus*?

Sierra Blanca, N. M., Sept. 12

496. *Liatris punctata*

Logan, N. M., Sept. 23.

496a. *Psoralea*?

497. *Mimosa borealis*

Sida fruticosa

O. deba

498. *Prosopis* j.

Logan, N. M., Sept. 23.

499. *Prosopis* j.

Logan, N. M., Sept. 23.

for 500 see page 100.

Aug. 28, Toyah, 9:30
9000

Acacia constricta abn.

Prosopis 1

Acacia, big pod. "

Koeberlinia "

Zizyphus "

Fouquieria - on hills

Condalia abn.

Rhus microphylla "

Baccharis "

Lycium "

Noon - 15 mi.

Juniperus

Opuntia arborescens

Microstamnia

Yucca macrocarpa

Camp at Cottonwoods
35 mi. 3800.

Aug. 29

Mixed upper & lower Sonoran,
on ridge, 4400.

At Camp beyond Smith Ranch,
4000, - camp 30 mi.

Camp on Wayland Ranch
30 miles

Aug. 30 - 9 A.M.

1 antelope - 2 blacktail -

Noon, on Hall Ranch 4450

Manis, *humifera*

Over escarpment 4900

Quercus 4975

Arbutus "

Camp at Canon 5850

Came 25 mi.

Aug. 31, at White 8500.

Melanerpes formicivorus 2.

Dryobates bairdi 1

Aeronautes melanochroa 2

Phalaenoptilus com

Archibuteo ferrugineus? 1
Falco mexicanus 2

" *sparverius*
Columba fasciata 2

Trochilus?

Pipilo arcticus? 1
" *nevadensis* com

Amphispiza in

Parus gambeli

Geothlypis nelsoni 1

Vireo

Lanius

Psaltriparus plumbeus, com

Piranga hepatica 2

Salt marsh com

Catherpes 2

Sep. 1. Over ridge, about 5500
Down Guadalupe Canyon

Salt Lake Valley
Camp - in valley 4000,

Sep. 2. Camp 9 A.M. 3850
Bottom of valley about 3750
Lunch at N. Mex. line, 3800.

Camp - 30 mi. 3800

Sep. 3. - Camp 7 A.M. 3800
Lunch 20 mi. 4100

Camp 15 mi. 4700
in Lower Sonoran

Sept. 4. - Camp 9. 4400
Platanus occidentalis 4750
Agave opuntia "
Yucca low 4900
Nolina "
Dasylium "

Upper Sonoran begins 4900

end of Larrea 4750

" Zizyphus 4650

" Baccaris 4750

" Prosopis 4650

" Lycium "

" Rhoeo microphylla 5400

" Fouquieria 5100

" Yucca stricta

" " 5100

Atriplex canescens 5400

Eurotia lanata 4700

Juncus 5000

Lycium pallidum "

Cercocarpus pauciflorus "

Garrua fuzzy

Woods Creek 7 mi. 5175

Artemisia frigida 5400

" frigida 6000

Lunch camp 3 mi. 5400

Garrua, fuzzy 5400

Pinus edulis 5450

Quercus - dwarf blue "

Camp 10 mi. 6050

Sept. 5 - 9 AM 6050

Ridge 6525

Pinus ponderosa "

second ridge 6625

Down gulch to 6300

Lunch 15 mi. 6000

Pseudotsuga M. 7000

Quercus 6000

Ridge 7500

Weed 7200

Camp - a mile below 7000

Camp about 25 mi.

Sept. 6 9 AM 7000

Lunch 7000

top of ridge about 7300

Puenteo Creek 6600

Camp 12 mi E. of Cloudcroft 7500

Sept. 7 Camp, 1 PM. 7500
Pinus strobus 8000
Populus tremuloides -
Oak -

Picea NE 8700
Abies " "
Camp 8700

Sept 8 Camp
Clearcreek 9130
Ridge 9300
Camp - Silver Spr. Can. 8700

Sept. 9 - Camp 12.
High Camp 4 mi. 8500
Turkey Camp

Sept. 10 Camp 8500
Summit 8700

Down N.W. canyon
Transition begins 8000
Entomias lake - first 7800
Agency 7000
west edge of upper Sonoran

Fore of Elk about 7800
Law Mill - Elk Spr. - 8000.

Sept. 11
Elk Summit 9 mi. 8600
Camp - 5 mi. 7300

Sept. 12 Camp 7300
Agency 6800

Summit 7850

Ruodoso 6950

up Ruodoso Cr.
Camp 7300

Sept. 13 up white Mts

Camp 8:30 7200
Populus angustifolia - 8200
 " *hemilobata* n.s. 8000-11000
Regundo acicoides - 7000
Ulex grandidentata 7200-9500
 " *glaberrima* strawberries! " - 9200
Fraxinus viridis? - 9000
Pinus ponderosa n.s. - 9500
Pinus edulis n.s. - 7200
 " *strobiliformis* n.s. 7200-10000
Pseudotsuga S.W. - 11000
 " n.s. 7000-9900
Abies 800-9500?
Picea -
Juniperus pachyphloea - 7300
 " *occidentalis* - "
Quercus lobed leaf n.s. 7500-10000
 " *v. acuta* - 7500
 " -
Sambucus big 7800-9500
Spiraea - big - "
Ribes mesocarpus 7500-9900
 " *d. irriguum?* " - 8200
Rhus trilobata - 7500

Cosmos asperifolia - 9300
Rhus glabra? - 8300
Rosa - 9000
Salix cordata var - 9200
Rubus - *R. cuneifolius* - 9000
Fragaria ^{rough leaf} strawberries -
Potentilla dark red
Gleditsia neomexicana 8000-9500
Prunus - 8400
Cretagus 7500
Fragaria spirosa 7500-10000
Erigeron - 12000
Solidago many species
Aster -
Geranium
Pinus flexilis - 9900
Pice intra n.s. at 12400 - 12200
 Peak - 12400. [11882]
Silene acaulis? 12600
Artemisia
Orthocarpus
Sedum
Allium
Saxifraga
Helleborus
Erigeron
Orthocarpus
umbellifer

Cystopteris 9570

Muscipraga 12000

Anthus 12600

Myadestes 12000

Left horses 9900

Highest timber, N.E. 12200

Peak 3 P.M. 12600

Ribes oxycanthus 11000-12500

" sanguineum 12000

Back to creek 9200

Back to camp 7700

Sept. 14, Sunday

Sept. 15 - Camp 830, 7650

" Winfield 7400

Ruidoso 7300

Across Hondo 6850

Juglans nigra 7300

Rhus glabra 7500

Atriplex canescens - "

Lunch - 8 mi. below Ruidoso, 6700

Pinus ponderosa N.E. 6700-

Yucca stricta S.W. - 6700

Berberis " "

Opuntia arborescens S.W. " "

Pinus benthamiana 4450

Glens 4450

Mesquite S.W. 6300

Rhus microphylla S.W. "

Pinus edulis N.E. 6300-

Juniperus 2, " 6300-

Lipia S.W. 6000

Camp 30 mi. 6000

Fouquieria S.W. "

Sept. 16 Camp, 6000

Hondo 1 mi. 6000

Pinacho 6500

Lunch 5500

Left ~~Hard~~ R. 5400
Top of Mesa 5900
to *ipodamus spec.* -
Camp 5000

Sept. 17 Camp 9 5300

Roswell 4050

Out to W. Winton's ranch.

Sept 21

Roswell 9:25 A.M.

Pecos R.

Mesquite dwarf SW.

Larrea SW.

Zizyphus on banks

Atriplex canescens

Yucca stricta

Gutierrezia abn. plains & vally

Opuntia arborescens

~~*Artemisia*~~
~~*Artemisia*~~

Microtus

Dipodomys spectabilis

Edge of Plain - Campbell

Sorex - dwarf -

Mainly Upper Sonoran

Elk

Kenma

Portales

Canoe

Herford

5 antelope

Laramie

Canyon City

9 antelope

Amarillo 7 P.M.

Sept 22 Amarillo 8 a.m.

Mammals - abn.
Sturnella "
Otocoris "
Longspurs "
Buteo swainsoni Com.
Falco mexicanus 1

Good crops of Sugarcane,
cappi corn,

Lepus melanotis

Washburn

Claude

Goodnight

Moquito in gulches

Andropogon abn.

9 elk in fine condition

apple, peach, locust

Milvulus perfractus com.

50 full blood
20 all told

Cow + calf photographed $\frac{2}{3}$
buffalo cow + nearly full blood

3 quarters blood yearlings
photographed.

herd of full bloods

Amarillo

Las Vegas

mosquito abn.

Channing

Grassy plains

Robert

Logan - dark

Sept. 23 Logan

Prosopis - abn. S.W. slope
Mimosa (like *bimaculata*)
Balsa - spec. - S.W.
Psoralea
Rhus microphylla ..
" *aromatica*, both slopes
Celtis .. on rocks
Populus monilifera, by water
Sabix ..
Juniperus N.E.
Yucca glauca, both slopes
Opuntia arborescens
" *leptocaulis* S.W.
Quercus, everywhere
Liatris
Verbena
Eriogonum tall
Solanum blue
" yellow, prickly

Logan

Callipepla 47
Geococcyx - reported
Pipilo megalonyx 1
" *chlorurus* 1
Falco mex- 2
Zenaidura
Otocoris com-
Longspurs ..
Lanius 1
Salpinctes - 79.5 west

Zenaidura
Mergants, still com.

Passer domesticus

Jefferson, Tex.
Marshall
Joaquin
Lufkin
Huntington
Rockland
Beaumont
Houston
San Antonio
Center Point
Kerrville
Rock Springs?
Juno?
Comstock
Pecos Bridge
Langtry
Valentine
Van Horn
Toyah
Roswell N.Mex.
Amarillo
Goodnight

Sept. 2 + - Santa Rosa, N.M.

^{monosperma}
Juniperus, juicy berry abn.
Pinus edulis "
Quercus ^{grisea} blue leaf, white oak
Ehretia
Populus monilifera
Prosopis juliflora S. slopes, com.
Mimosa biuncifera, com.
Salvia formosa
Opuntia arborescens, com.
" leptocaulis "
" engelmannii, a few S.D.
" "vulgaris" com.
Cercus parviflorus
" "bottor" a few
Mammillaria vivipara "
Yucca glauca, com.
" bascata? a few
Gutierrezia a abn.
Rhus aromatica com.
Mimosa borealis
Nolina texana
Hill

Santa Rosa Sept. 24.

Cyanocapillus
Sturnella neglecta, com
Salpinctes
Petrochelidon nests

Crotophaga hills,
Parus Toluca
Notonotus abn.

Spizella grammurus com.

Cyanocitta

Fiber

Lepus

"

Trachydes

common
sacks
collected
tracks.

8 Am
Sept. 25th Left Santa Rosa
Calliphs
mosquitoes - all along
Tucuman

Jogan

Sathart

Quymon

no mosquitoes on beach

short grass plains

Libera

Cinco

no mosquitoes

Big meadows, Tules,
sloughs

Muskrat houses

Perodipus

Sand dunes

lots of hay,

good ranches

meads - dark

Sept. 24 Topeka daylight
Kansas City
Chicago 12:40 P.M.

Sept. 27

Chicago

10:10 AM.

10 + 0
Departure this 3:30
Telegrams



8 Am
Sept. 25th Left Santa Rosa
Calliphs
mosquitoes - all along
Tucuman

Jogon

Sathart

Guyon

no mosquitoes on river

short grass plains

Liberal

Cincinnati

no mosquitoes

Birds, dunes, Tules,

at

the houses

Per

Sand dunes

lots of hay,

good ranches

meads - dark

Sept. 24 Topeka daylight
Kansas City
Chicago 12:40 P.M.

Sept. 27

Chicago

10:10 AM.

10:00
Telegrams (this 3:30)

Plant Catalogue 100

500. *Yucca baccata*
Davis Mts. Tex. Aug. 13.

501. *Yucca elata*
Valentine, Tex. Aug. 15

502. *Semulla parsoniana*
Yucca big tree
see photo. on site
Van Horn, Tex. Aug. 23.

503. *Yucca baccata*
Guadalupe Mts., N. M. Sept. 4.

504. *Yucca baccata*
Guadalupe Mts. N. Mex. Sept. 4.
also fruit -



















Welsh Rabbit for 4.

One pound cheese, grated
or sliced thin.

Small cup of milk, boil,
then put in lump of butter,
some flour & water, one egg,
stir well & then put in
the cheese to melt.

Add mustard & a few
drops of Tabasco sauce
serve on toast.

Pegan Indians

White Calf - chief

Brocket

Little Plume

Red Calf

Cream Antelope

Transportation orders

Washington to Jefferson 33.50

Beaumont to San Antonio 8.75

San Antonio to Center Point 1.80

Longtry to Valentine 6.80

Valentine to El Paso 4.80

Roswell to Goodnight 8.50

Goodnight to Dalhart 4.05

Dalhart to Logan 2.40

Santa Rosa to Washington 48.60

120.20

Reimbursed

June \$ 55.49

July 155.96

Aug. 149.15

Sept. 126.84

487.44

120.20

Total

607.64

E. S. Rogers, Stacyville, Me.

J. L. James, Ft. Davis, Tex.

M. A. Ernst, Boquillas, Tex.

F. L. Kelley - 706 - W 6th St. Austin.

Joseph Sitters, Boquillas, Tex.

H. W. Revolds, Alpine, Tex.

R. H. Wright, Carlsbad.

W. M. Mc Ewan, "

Albert Gonzales, Yelita

D. B. HUMPHREYS

Cumshaw, Ingram, Tex.

H. L. Wade, Rock Springs

J. S. Gething "maps to"

H. F. Heischer, Buckhorn Saloon
Rock Springs, Texas.

John Seawell, Constock
Trapper & Fisher

E. B. Davis, ^{at High Bridge} Langtry

Texas map to both -

Texas fish to Seawell

C. O. Finley & family
Zora 8
Florence 6
Edwin 7

Mrs. Holan - 416 McGaffin Ave.
Rev.

J. M. Sedgwick, Toyah, Tex.
P.M.

A. S. Cox, Van Horn,

D. B. Humphreys, Van Horn, Agent.

James A. Carroll - Agent
Crop zones Muscatine, N. M.

C. W. Winfield, Ruidoso -

Charles Breunert Roswell

W. L. Besse, Logan, N. M.
for Burroughs

June, 1902.

S	M	T	W	T	F
1	2	3	4	5	6
8	9	10	11	12	13
15	16	17	18	19	20
22	23	24	25	26	27
29	30	..	..	..	..

July, 1902.

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	..	..	..	..	..	..

August, 1902.

S	M	T	W	T	F	S
..	..	..	..	..	1	..
3	4	5	6	7	8	..
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

Earl Walker, Santa Rosa, N. M.

Mrs. M. E. Seznott
Zuni, N. M.
or Liberal, Kansas

J. H. Beach, Van Horn, Tex.

3313, N. Judd

L. J. Goldman
Berkeley, 2314, Prince St.

